

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A computer-readable medium having a computer-executable component for enabling a user to access healthcare information, the computer-executable component comprising:

an anatomic user interface for displaying an anatomic model from which the user selects an anatomic structure of interest, wherein, upon selection of the anatomic structure, the anatomic user interface displays ~~[[the]]~~ healthcare information originating from disparate sources, wherein the healthcare information is associated with an anatomic structure ~~organized~~ according to ~~an anatomic~~ a data model, and further wherein the data model facilitates accessing the healthcare information by anatomic structure ~~and comprises~~ including accessing medical history information by the selected anatomic structure for ~~[[a]]~~ the patient, the medical history information including healthcare service order information, medical event information and medical encounter information associated with the selected anatomic structure of the patient.

2. (Currently amended) The computer-readable medium of Claim 1, wherein the healthcare service order information comprises a treatment plan for a patient consisting of a predetermined sequence of healthcare service orders including healthcare information organized according to the data model.

3. (Currently amended) The computer-readable medium of Claim 1, having a further computer-executable component comprising an order engine for submitting an order for at least one healthcare service to a service provider, the order including healthcare information organized according to the data model.

4. (Original) The computer-readable medium of Claim 3, wherein the order engine submits a plurality of orders comprising a treatment plan to a service provider.

5. (Original) The computer-readable medium of Claim 3, wherein the order engine automatically notifies the user in real-time if the order is accepted by the service provider or if the authorization for the order is received from the payor.

6. (Original) The computer-readable medium of Claim 3, wherein the order identifies the at least one healthcare service, a medical event associated with the healthcare service and at least one medical encounter associated with at least one healthcare service.

7. (Currently amended) In a computer system, a method for accessing healthcare information for a patient, the method comprising:

displaying an anatomical model of the patient in a display device of a computer system;

navigating the anatomic model to drill down to and select an anatomic structure of the patient with an input device connected to the computer system; and

displaying healthcare information associated with the selected anatomic structure on the display device, wherein the healthcare information is associated with an anatomic structure organized according to a an-anatomic data model, and further wherein the data model facilitates accessing the healthcare information by selected anatomic structure, and comprises including accessing medical history information by the selected anatomic structure for [[a]] the patient including healthcare service order information, medical event information and medical encounter information associated with the selected anatomic structure of the patient.

8. (Currently amended) The method of Claim 7, wherein the healthcare service order information comprises a treatment plan for a patient consisting of a predetermined sequence of healthcare service orders including healthcare information organized according to the data model.

9. (Currently amended) The method of Claim 7, further comprising submitting an order for at least one healthcare service to a service provider, the order including healthcare information organized according to the data model.

10. (Original) The method of Claim 9, further comprising submitting a plurality of orders comprising a treatment plan to a service provider.

11. (Original) The method of Claim 9, further comprising automatically notifying the user in real-time if the order is accepted by the service provider or the authorization for the order is received from the payor.

12. (Original) The method of Claim 7, wherein the order identifies the at least one medical encounter associated with the at least one healthcare service.

13. (Currently amended) A system for assessing healthcare information comprising:
a user computer operative to:
 display an anatomic model of the patient;
 enable the user to drill down to and select an anatomic structure of the patient from a higher-level anatomic model; and
 display healthcare information associated with the selected anatomic structure;
and
an application server operative to:
 receive the selected structure from the user computer; and
 provide the user computer with the healthcare information associated with the selected anatomic structure for display, wherein the healthcare information is associated with an anatomic structure organized according to an anatomic data a data model, and further wherein the data model facilitates accessing the healthcare information by the selected structure and comprises including accessing medical history information for a patient by the selected structure,

the medical history information including healthcare service order information, medical event information and medical encounter information associated with the selected anatomic structure of the patient.

14. (Currently amended) The system of Claim 13, wherein the healthcare service order information comprises a treatment plan for a patient consisting of a predetermined sequence of healthcare service orders including healthcare information organized according to the data model.

15. (Currently amended) The system of Claim 13, wherein the application server is further operative to submit an order for at least one healthcare service to a service provider, the order including healthcare information organized according to the data model.

16. (Original) The system of Claim 15, wherein the application server is further operative to submit a plurality of orders comprising a treatment plan to a service provider.

17. (Original) The system of Claim 15, wherein the application server is further operative to automatically notify the user in real-time if the order is accepted by the service provider or if the authorization for the order is received from the payor.

18. (Original) The system of Claim 13, wherein the order identifies the at least one healthcare service, a medical event associated with the healthcare service and at least one medical encounter associated with the at least one healthcare service.